Appendix table A.5.5.1 A combined view of RNA-seq and array data

Gene	Colon	Bladder	Tumour Huvec	RNA-seq Lung Combined	RNA-seq Number of contrasts	Lung Array log2(FC)
SPP1	1	1	0	1	3	6.27
MELK	1	0	1	1	3	4.27
OVOL1	1	1	0	1	3	4.02
CLDN1	1	1	0	1	3	3.42
TPX2	1	0	1	1	3	2.91
PGF	1	0	1	1	3	2.76
MMP1	1	0	1	1	3	2.49
GDF15	1	1	0	1	3	2.06
KRT15	1	1	0	1	3	1.98
KRT13	1	1	0	1	3	1.47
IL8	1	1	0	1	3	1.34
KRT6A	0	1	0	1	2	7.54
KRT14	0	1	0	1	2	5.42
KRT17	0	1	0	1	2	5.41
CXorf61	1	0	0	1	2	4.82
DLX5	0	1	0	1	2	4.65
UCHL1	0	0	1	1	2	4.53
CLDN4	1	0	0	1	2	4.52
KRT16	0	1	0	1	2	4.32
KIAA0101	1	0	1	0	2	4.14
MMP11	1	0	0	1	2	4.1
PBK	1	0	1	0	2	3.94
TUBB3	0	0	1	1	2	3.93
TOP2A	1	0	1	0	2	3.92
UBE2C	1	0	0	1	2	3.88
MMP12	1	0	0	1	2	3.8
SPRR1A	0	1	0	1	2	3.76
ANLN	1	0	1	0	2	3.72
ELF3	0	1	0	1	2	3.53
IL11	1	1	0	0	2	3.46
S100P	1	1	0	0	2	3.44
RHOV	1	1	0	0	2	3.36
AKR1C1	0	1	0	1	2	3.34
HOXD10	0	1	0	1	2	3.32
S100A2	0	1	0	1	2	3.31
F2RL2	1	0	1	0	2	3.28
FOXQ1	1	1	0	0	2	3.16
UPK1B	0	1	0	1	2	3.13
KRT80	1	0	0	1	2	3.11
KLF5	1	0	0	1	2	3.1
PHLDA2	1	0	0	1	2	3.06

CEBPA	1	0	0	1	2	3.05
FAM83D	1	0	0	1	2	3.04
CKS2	1	1	0	0	2	3.01
KRT5	0	1	0	1	2	3
MUC20	0	1	0	1	2	2.99
PSAT1	0	0	1	1	2	2.95
MAL2	1	0	0	1	2	2.95
KIF2C	0	0	1	1	2	2.95
IRF6	0	1	0	1	2	2.91
CDKN3	1	1	0	0	2	2.82
PMAIP1	0	1	0	1	2	2.8
AURKA	1	0	0	1	2	2.72
COL10A1	1	0	0	1	2	2.66
UGT1A8	0	1	0	1	2	2.63
SLC4A11	1	1	0	0	2	2.57
DIAPH3	1	0	1	0	2	2.57
INHBA	1	1	0	0	2	2.56
IGFBP3	0	1	0	1	2	2.54
C9orf47	1	0	0	1	2	2.53
CLCA2	0	1	0	1	2	2.52
IL1RN	1	1	0	0	2	2.51
IL23A	0	1	0	1	2	2.5
SLC6A8	0	0	1	1	2	2.49
F2RL1	1	0	0	1	2	2.49
PTGR1	0	0	1	1	2	2.48
LTF	0	1	0	1	2	2.48
FAM110C	0	1	0	1	2	2.47
PRSS22	0	1	0	1	2	2.46
TACSTD2	0	1	0	1	2	2.44
CDK1	1	0	1	0	2	2.37
KLK12	1	0	0	1	2	2.31
MEST	1	0	0	1	2	2.29
S1PR3	1	0	0	1	2	2.27
CCNB1	0	0	1	1	2	2.24
TMEM116	0	1	0	1	2	2.23
SPRR3	0	1	0	1	2	2.23
RIPK4	1	1	0	0	2	2.17
FOLH1	1	1	0	0	2	2.15
SAA2	0	1	0	1	2	2.14
TRIP13	1	0	0	1	2	2.13
HMGA1	0	0	1	1	2	2.11
SCIN	0	1	0	1	2	2.1
CXCL17	0	1	0	1	2	2.07
C2CD4A	1	0	0	1	2	2.06
ADAMTS18	0	0	1	1	2	2.06
PROM2	0	1	0	1	2	2.05

SAA1	0	1	0	1	2	2.01
BAMBI	0	1	0	1	2	1.99
UGT1A6	0	1	0	1	2	1.98
FAM3B	1	1	0	0	2	1.91
LYPD6B	0	1	0	1	2	1.9
RPL22L1	0	1	0	1	2	1.87
STK32A	0	1	0	1	2	1.86
GSTM1	0	1	0	1	2	1.86
PHACTR3	1	1	0	0	2	1.85
ITGB6	0	1	0	1	2	1.84
HSPH1	1	0	0	1	2	1.84
MFSD2A	0	1	0	1	2	1.81
MMP10	0	0	1	1	2	1.74
CRNDE	1	1	0	0	2	1.73
PAICS	0	0	1	1	2	1.71
UCA1	1	1	0	0	2	1.7
GPX8	0	0	1	1	2	1.69
S100A9	0	1	0	1	2	1.67
CEACAM6	1	0	0	1	2	1.67
MAPK10	0	1	0	1	2	1.64
GRIN2D	1	1	0	0	2	1.64
MAP1B	0	0	1	1	2	1.61
CCDC64B	0	1	0	1	2	1.61
CLDN3	1	0	0	1	2	1.6
CYP24A1	0	1	0	1	2	1.56
IGF2BP3	1	0	1	0	2	1.55
GRB7	1	1	0	0	2	1.55
HIST2H2BE	0	1	0	1	2	1.52
GSTT1	0	0	1	1	2	1.5
FHL2	0	0	1	1	2	1.5
TPBG	0	1	0	1	2	1.48
TRAF4	0	1	0	1	2	1.47
CCL20	1	0	0	1	2	1.46
AGT	1	0	0	1	2	1.44
MOCOS	1	1	0	0	2	1.43
PPP1R14C	1	0	0	1	2	1.41
CST1	1	0	0	1	2	1.39
RAP2B	0	1	0	1	2	1.38
CXCL9	1	0	0	1	2	1.37
MUC1	0	1	0	1	2	1.36
SLC16A1	0	0	1	1	2	1.35
EREG	1	0	0	1	2	1.35
SPOCD1	0	1	1	0	2	1.34
GSTM2P1	0	1	0	1	2	1.34
DNAJC12	1	0	0	1	2	1.34
S100A11	0	1	0	1	2	1.33

SLC39A4	1	0	0	1	2	1.32
C3orf52	0	1	0	1	2	1.32
ADAM12	1	1	0	0	2	1.31
RND3	1	1	0	0	2	1.27
PPAT	1	0	0	1	2	1.24
MPZL3	1	1	0	0	2	1.24
AZGP1	1	0	0	1	2	1.24
SOX9	1	0	0	1	2	1.22
C20orf24	1	0	0	1	2	1.22
ZNF165	0	1	0	1	2	1.17
ARL4D	0	1	0	1	2	1.16
CHMP4C	1	0	0	1	2	1.14
FHDC1	1	0	0	1	2	1.13
AHCY	1	0	0	1	2	1.11
S100A8	1	1	0	0	2	1.1
TMEM41A	1	1	0	0	2	1.08
SIM2	1	1	0	0	2	1.08
SERPINE2	0	0	1	1	2	1.03
MMP2	0	0	1	1	2	1.03
LEF1	0	1	0	1	2	1.02
INS-IGF2	1	1	0	0	2	1.02
CEACAM5	1	0	0	1	2	1.01
GOLT1A	1	1	0	0	2	1
AADAT	0	1	0	1	2	1
AKR1B10	0	0	0	1	1	7.13
KRT6C	0	0	0	1	1	6.72
KRT6B	0	0	0	1	1	5.4
SPRR1B	0	0	0	1	1	5.24
COL1A1	0	0	0	1	1	5.11
CHI3L1	0	0	0	1	1	4.82
LYPD3	0	1	0	0	1	4.76
FXYD3	0	0	0	1	1	4.7
KRT19	0	0	0	1	1	4.51
KRT16P2	0	0	0	1	1	4.47
RNF43	1	0	0	0	1	4.29
CA9	0	0	0	1	1	4.23
LAMB3	0	0	0	1	1	4.2
STEAP1	0	0	0	1	1	4.19
CABYR	0	0	0	1	1	4.19
TMPRSS4	0	0	0	1	1	4.17
LAD1	0	0	0	1	1	4.15
CYP4F3	0	0	0	1	1	4.15
CCNB2	1	0	0	0	1	4.15
GJB2	0	1	0	0	1	4.13
EPCAM	0	0	0	1	1	4.1
COL3A1	0	0	0	1	1	4.04

MMP9	0	0	0	1	1	4
GPX2	0	0	0	1	1	3.98
SFN	0	0	0	1	1	3.97
CENPF	0	0	1	0	1	3.96
ANXA10	0	1	0	0	1	3.92
FBXO27	0	0	0	1	1	3.89
KLK8	1	0	0	0	1	3.88
RAB25	0	0	0	1	1	3.81
DLX2	0	0	0	1	1	3.81
TUBB2B	0	0	0	1	1	3.79
SFRP2	0	0	0	1	1	3.79
GREM1	0	0	0	1	1	3.78
RHCG	0	1	0	0	1	3.75
THBS2	0	0	0	1	1	3.72
GPR110	0	1	0	0	1	3.69
SIX4	0	0	0	1	1	3.64
HSPA6	0	0	0	1	1	3.63
DLGAP5	0	0	1	0	1	3.57
WFDC2	0	0	0	1	1	3.53
NR0B1	0	0	0	1	1	3.51
CXCL13	0	0	0	1	1	3.48
CYP4F11	0	1	0	0	1	3.41
CEP55	1	0	0	0	1	3.41
PLA2G4D	0	1	0	0	1	3.4
TNS4	0	1	0	0	1	3.36
THY1	0	0	0	1	1	3.36
SPC25	1	0	0	0	1	3.36
C4orf7	0	0	0	1	1	3.36
ZNF750	0	1	0	0	1	3.32
MMP7	0	0	0	1	1	3.29
ADH7	0	0	0	1	1	3.29
TDO2	1	0	0	0	1	3.27
SERPINB4	0	0	0	1	1	3.27
SERPINB3	0	0	0	1	1	3.27
COMP	0	0	0	1	1	3.25
BUB1	0	0	1	0	1	3.25
SMOC2	0	0	0	1	1	3.24
MUC4	0	0	0	1	1	3.22
ABCC3	0	0	0	1	1	3.16
SGPP2	0	0	0	1	1	3.13
C15orf48	0	1	0	0	1	3.11
IVL	0	1	0	0	1	3.1
CTHRC1	0	0	0	1	1	3.1
PYCR1	0	0	0	1	1	3.08
PTHLH	0	0	0	1	1	3.08
GAL	1	0	0	0	1	3.08

AGR2	0	0	0	1	1	3.08
SPOCK1	0	0	1	0	1	3.07
PRSS2	0	0	0	1	1	3.06
RASL11B	0	0	0	1	1	3.05
LAMC2	0	0	0	1	1	3.05
PRR15L	1	0	0	0	1	3.03
SALL4	0	0	0	1	1	3.02
PTTG1	0	0	0	1	1	3.02
ENTPD3	0	1	0	0	1	2.99
HIST1H2AM	0	1	0	0	1	2.97
LYPD1	0	0	1	0	1	2.96
CDH3	1	0	0	0	1	2.96
NXPH4	0	0	0	1	1	2.95
PNCK	0	1	0	0	1	2.93
FAM83E	0	0	0	1	1	2.93
C1orf106	0	0	0	1	1	2.93
NDC80	0	0	1	0	1	2.92
C6orf222	1	0	0	0	1	2.92
CENPM	0	0	0	1	1	2.91
SCNN1A	0	0	0	1	1	2.89
SULF1	0	0	1	0	1	2.88
DMKN	0	0	0	1	1	2.88
AURKB	0	0	0	1	1	2.86
PLEK2	0	0	0	1	1	2.85
AKR1C3	0	0	0	1	1	2.84
PCP4	0	0	0	1	1	2.83
FAP	0	0	0	1	1	2.81
SPC24	0	0	0	1	1	2.79
EHF	0	0	0	1	1	2.78
HSPA1B	0	0	0	1	1	2.77
LCN2	0	0	0	1	1	2.76
HKDC1	1	0	0	0	1	2.76
DSG2	0	0	0	1	1	2.76
AIM2	0	1	0	0	1	2.76
DDIT4L	0	0	0	1	1	2.75
TTK	0	0	1	0	1	2.73
TRIM31	0	0	0	1	1	2.73
PRSS8	0	0	0	1	1	2.73
GJB6	0	1	0	0	1	2.73
SLC7A11	0	0	1	0	1	2.72
GRHL2	0	0	0	1	1	2.71
PLAU	0	0	0	1	1	2.7
PRC1	0	0	1	0	1	2.67
MYCL1	0	1	0	0	1	2.67
SH2D3A	0	1	0	0	1	2.66
SEMA4B	0	0	0	1	1	2.66

PTGFRN	0	0	0	1	1	2.66
FA2H	0	0	0	1	1	2.66
TFCP2L1	0	0	0	1	1	2.65
COL5A1	0	0	0	1	1	2.64
DDR1	0	0	0	1	1	2.62
GEM	0	0	0	1	1	2.61
PVRL4	0	1	0	0	1	2.6
VEGFA	0	0	0	1	1	2.59
IGLL5	0	0	0	1	1	2.59
TROAP	0	0	0	1	1	2.58
OGDHL	0	0	0	1	1	2.58
GPR87	0	1	0	0	1	2.58
DNAJB1	0	0	0	1	1	2.58
SPINT2	0	0	0	1	1	2.57
HP	0	0	0	1	1	2.56
HOXD1	0	0	0	1	1	2.56
SRXN1	0	0	0	1	1	2.54
TNFSF9	0	0	0	1	1	2.53
HAS3	0	1	0	0	1	2.52
AP1M2	0	0	0	1	1	2.52
FBXL16	0	0	0	1	1	2.51
COL7A1	0	1	0	0	1	2.51
PPIF	0	0	0	1	1	2.49
KRT18	0	0	0	1	1	2.49
ARHGEF5	0	0	0	1	1	2.48
MDK	0	0	0	1	1	2.45
LOC96610	0	0	0	1	1	2.44
S100A14	0	0	0	1	1	2.43
CILP2	0	0	0	1	1	2.43
ANXA8L2	0	1	0	0	1	2.43
HSPB1	0	0	0	1	1	2.42
CXADR	1	0	0	0	1	2.42
LINGO1	0	0	0	1	1	2.41
SPINK1	0	1	0	0	1	2.4
GBP5	0	0	0	1	1	2.4
GJB5	0	0	0	1	1	2.39
MAD2L1	1	0	0	0	1	2.38
SLC6A14	0	0	0	1	1	2.37
IGLL1	0	0	0	1	1	2.37
CCNO	1	0	0	0	1	2.37
ADAMTS14	0	0	0	1	1	2.37
HMGA2	1	0	0	0	1	2.36
ALOX12P2	0	1	0	0	1	2.34
FER1L4	0	1	0	0	1	2.32
BLNK	0	0	0	1	1	2.32
CDKN2B	0	0	0	1	1	2.31

BTBD11	0	0	0	1	1	2.31
FOLH1B	0	1	0	0	1	2.3
C11orf93	0	1	0	0	1	2.3
PCDH7	0	0	0	1	1	2.29
HPR	0	0	0	1	1	2.29
FGFBP1	0	0	0	1	1	2.28
UGT8	0	0	0	1	1	2.27
FANCI	0	0	0	1	1	2.26
MXRA5	0	0	0	1	1	2.25
CCNE1	0	1	0	0	1	2.25
ATP1B1	0	0	0	1	1	2.25
C6orf132	1	0	0	0	1	2.24
S100A7	0	1	0	0	1	2.23
NRARP	0	0	0	1	1	2.23
DSC3	1	0	0	0	1	2.23
CXCL10	1	0	0	0	1	2.23
CPXM1	0	0	0	1	1	2.22
TSTD1	0	0	0	1	1	2.21
ORC6	1	0	0	0	1	2.21
IER3	0	0	0	1	1	2.21
HN1	0	0	0	1	1	2.21
COL4A5	0	1	0	0	1	2.21
PI3	0	0	0	1	1	2.2
PERP	1	0	0	0	1	2.19
OR51E1	1	0	0	0	1	2.19
ABP1	0	0	0	1	1	2.18
PRSS16	0	0	0	1	1	2.17
TLCD1	0	1	0	0	1	2.16
RNF39	0	1	0	0	1	2.16
RHPN2	0	0	0	1	1	2.16
MUCL1	0	0	0	1	1	2.16
CP	0	0	0	1	1	2.16
CENPW	1	0	0	0	1	2.16
GSTA2	0	0	0	1	1	2.15
SERINC2	0	0	0	1	1	2.14
UBE2S	0	0	0	1	1	2.13
TP63	0	0	0	1	1	2.13
TOM1L1	0	0	0	1	1	2.13
GSTM4	0	1	0	0	1	2.12
LOC375295	0	0	1	0	1	2.11
STEAP3	0	0	0	1	1	2.1
RAB17	0	0	0	1	1	2.1
KIF20A	0	0	1	0	1	2.1
CTSK	0	0	0	1	1	2.1
RASD1	0	0	0	1	1	2.08
CDCA3	1	0	0	0	1	2.08

BDH1	0	0	0	1	1	2.08
UBD	0	0	0	1	1	2.06
RPL39L	0	0	0	1	1	2.05
GSTM3	0	1	0	0	1	2.05
FCRL5	0	0	0	1	1	2.05
PLXDC1	0	0	0	1	1	2.04
HSPA8	0	0	0	1	1	2.04
OSBPL3	0	0	0	1	1	2.03
IER5L	0	0	0	1	1	2.03
C15orf42	0	0	0	1	1	2.03
SLC2A1	0	0	0	1	1	2
PRSS1	0	0	0	1	1	2
PODNL1	0	0	0	1	1	2
STRA6	1	0	0	0	1	1.99
MZB1	0	0	0	1	1	1.99
C11orf92	0	1	0	0	1	1.98
SLC9A3R1	0	0	0	1	1	1.97
MCM4	0	0	0	1	1	1.97
HIST1H4K	0	0	0	1	1	1.97
CD276	0	0	0	1	1	1.97
ABCC5	0	1	0	0	1	1.97
XKRX	0	0	0	1	1	1.96
PTK6	0	1	0	0	1	1.96
DFNA5	0	0	0	1	1	1.96
SNX31	0	1	0	0	1	1.95
PSCA	0	1	0	0	1	1.95
LMTK3	0	0	0	1	1	1.94
KCNE4	0	0	0	1	1	1.94
SPRR2A	0	1	0	0	1	1.93
ASPN	0	0	0	1	1	1.93
NLGN1	0	0	1	0	1	1.92
CRLF1	0	0	0	1	1	1.92
RUNX1	0	0	0	1	1	1.91
PHGDH	1	0	0	0	1	1.91
ITGA11	0	0	0	1	1	1.91
IRX3	0	1	0	0	1	1.91
HOXA10	0	0	1	0	1	1.91
TFAP2A	0	1	0	0	1	1.9
SERPINA5	0	0	0	1	1	1.9
ASPH	0	0	0	1	1	1.9
SFRP4	0	0	0	1	1	1.89
ARHGAP11A	0	0	0	1	1	1.89
ETV4	1	0	0	0	1	1.88
DIO2	0	0	0	1	1	1.88
RGS16	0	1	0	0	1	1.87
POU2AF1	0	0	0	1	1	1.87

ATF3	0	0	0	1	1	1.86
DEPDC7	1	0	0	0	1	1.85
XIST	0	0	1	0	1	1.83
PLEKHA5	0	0	0	1	1	1.83
ARSE	1	0	0	0	1	1.83
NT5DC3	0	0	0	1	1	1.82
LMO3	0	0	0	1	1	1.82
CSTA	0	1	0	0	1	1.82
SLC44A3	0	1	0	0	1	1.81
SDSL	0	0	0	1	1	1.81
MMP3	1	0	0	0	1	1.81
C17orf53	0	0	0	1	1	1.81
NOTCH3	0	0	0	1	1	1.8
LOXL1	0	0	0	1	1	1.8
HIST1H3H	0	0	0	1	1	1.8
GAMT	0	0	0	1	1	1.8
CELSR1	0	0	0	1	1	1.8
RAD54B	1	0	0	0	1	1.79
PFN2	0	0	0	1	1	1.79
KRT8	0	0	0	1	1	1.79
FBXW10	0	1	0	0	1	1.79
CALCA	0	0	0	1	1	1.79
NDUFA4L2	0	0	0	1	1	1.78
MCM2	0	0	0	1	1	1.78
HCAR3	0	1	0	0	1	1.78
FAM83H	0	0	0	1	1	1.78
EFNA4	0	0	0	1	1	1.78
CR2	0	0	0	1	1	1.78
CENPI	0	0	0	1	1	1.78
CKS1B	1	0	0	0	1	1.77
SLC38A1	0	0	0	1	1	1.76
EPHB2	0	0	0	1	1	1.76
CD248	0	0	0	1	1	1.76
WISP1	0	0	0	1	1	1.75
TOB1	0	0	0	1	1	1.75
RAB34	0	0	0	1	1	1.75
NINL	0	0	0	1	1	1.75
IL1A	0	1	0	0	1	1.75
HHIP	0	0	1	0	1	1.75
FGFR2	0	0	0	1	1	1.75
DSC2	0	0	0	1	1	1.75
CTSE	0	0	0	1	1	1.75
C1R	0	0	0	1	1	1.75
EGFLAM	0	0	0	1	1	1.74
CTTN	0	0	0	1	1	1.74
PRSS3	0	0	0	1	1	1.73

ME1	0	0	0	1	1	1.73
HSPA1A	0	0	0	1	1	1.73
HIST1H1T	0	1	0	0	1	1.73
HES6	0	0	0	1	1	1.73
TUBB2A	0	0	0	1	1	1.72
HES5	0	0	0	1	1	1.72
TXN	0	0	0	1	1	1.71
PRAME	0	0	0	1	1	1.71
ESRP1	0	0	0	1	1	1.71
ANKRD22	1	0	0	0	1	1.71
SOX15	0	1	0	0	1	1.7
PABPC1L	0	0	0	1	1	1.7
MYBL2	0	0	1	0	1	1.7
JPH1	0	0	0	1	1	1.7
DDIT3	0	0	0	1	1	1.7
CARD14	0	1	0	0	1	1.7
MAGED4B	0	0	0	1	1	1.69
ECE2	0	0	0	1	1	1.69
CYP2S1	0	0	0	1	1	1.69
CAPN12	0	0	0	1	1	1.69
C19orf33	0	0	0	1	1	1.69
TMEM97	1	0	0	0	1	1.68
GAS1	0	0	0	1	1	1.68
C1orf31	1	0	0	0	1	1.68
ATP2C2	0	0	0	1	1	1.68
SNHG1	1	0	0	0	1	1.67
SLC26A9	0	0	0	1	1	1.67
MEX3B	0	0	0	1	1	1.67
MAGEA2B	0	0	0	1	1	1.67
DEPDC1	0	0	0	1	1	1.66
ARTN	0	0	0	1	1	1.66
TIMM50	0	0	0	1	1	1.65
RHOD	0	0	0	1	1	1.65
DUSP2	0	0	0	1	1	1.65
CLDN7	0	0	0	1	1	1.65
CHEK2	0	0	0	1	1	1.65
CBX4	0	0	0	1	1	1.65
SRPX2	0	0	1	0	1	1.64
SLC7A5	0	0	0	1	1	1.64
H2AFX	0	0	0	1	1	1.64
DMBT1	0	0	0	1	1	1.64
CPNE7	0	1	0	0	1	1.63
EPDR1	0	0	0	1	1	1.62
TMEM54	0	0	0	1	1	1.61
TANC2	0	1	0	0	1	1.61
IL2RA	1	0	0	0	1	1.61

FKBP4	0	0	0	1	1	1.61
NOX4	0	0	1	0	1	1.6
MAFB	0	0	0	1	1	1.6
PLEKHN1	0	1	0	0	1	1.59
LIMK1	0	0	0	1	1	1.59
APOL4	0	1	0	0	1	1.59
WNT11	0	0	0	1	1	1.58
OAS1	0	1	0	0	1	1.57
DLG3	0	0	0	1	1	1.57
SERPINF1	0	0	0	1	1	1.56
RPS16	0	0	0	1	1	1.56
PGM1	0	0	0	1	1	1.56
ELMO3	0	0	0	1	1	1.56
ADAP2	0	0	0	1	1	1.56
RAB3B	0	0	1	0	1	1.55
PKP1	0	0	0	1	1	1.55
MMP14	0	0	0	1	1	1.55
LOC401022	0	0	0	1	1	1.55
LAPTM4B	1	0	0	0	1	1.55
GJB4	0	1	0	0	1	1.55
FAM83G	0	0	0	1	1	1.55
LRIG3	0	0	0	1	1	1.54
HIST2H2AA4	0	0	0	1	1	1.54
PKM2	0	0	0	1	1	1.53
PCOLCE	0	0	0	1	1	1.53
IL18	0	0	0	1	1	1.53
GRHL3	0	1	0	0	1	1.53
GCGR	0	0	0	1	1	1.53
CLEC11A	0	0	0	1	1	1.53
CDH2	0	0	1	0	1	1.53
HTRA3	0	0	0	1	1	1.52
COL15A1	0	0	0	1	1	1.52
ALDH1A3	0	1	0	0	1	1.52
VWA1	0	0	0	1	1	1.51
SLC5A3	0	0	0	1	1	1.51
PROC	1	0	0	0	1	1.51
OLFML2B	0	0	0	1	1	1.51
MEX3A	0	0	1	0	1	1.51
KIF1A	0	0	0	1	1	1.51
PARD6B	1	0	0	0	1	1.5
KLHL13	0	0	1	0	1	1.5
COL8A1	0	0	0	1	1	1.5
C7orf53	0	0	0	1	1	1.5
RFC4	0	0	0	1	1	1.49
DEPDC1B	1	0	0	0	1	1.49
TRIM15	1	0	0	0	1	1.48

PACSIN3	0	0	0	1	1	1.48
GABRD	0	0	0	1	1	1.48
BAAT	0	0	0	1	1	1.48
PFKP	0	0	1	0	1	1.47
PDZK1IP1	0	0	0	1	1	1.47
NPL	0	0	0	1	1	1.47
FBXO41	0	0	0	1	1	1.47
OSGIN1	0	0	0	1	1	1.46
CMTM7	0	0	0	1	1	1.46
MPZL2	0	0	0	1	1	1.45
COL17A1	0	0	0	1	1	1.45
SH2D4A	0	1	0	0	1	1.44
NCCRP1	0	1	0	0	1	1.44
CNTNAP2	0	0	0	1	1	1.44
C3	0	0	0	1	1	1.44
ANKRD56	0	1	0	0	1	1.44
TCN1	0	0	0	1	1	1.43
FAH	0	0	0	1	1	1.43
AP1S3	0	0	0	1	1	1.43
PLP2	0	0	0	1	1	1.42
PAEP	0	0	0	1	1	1.42
GGH	1	0	0	0	1	1.42
ABCA1	0	0	0	1	1	1.42
TRIP6	0	0	0	1	1	1.41
LOC541471	0	0	0	1	1	1.41
HSD11B2	0	0	0	1	1	1.41
SPECC1	0	0	0	1	1	1.4
SNHG7	1	0	0	0	1	1.4
OPRK1	0	0	0	1	1	1.4
NME1	0	0	0	1	1	1.4
ZNF703	1	0	0	0	1	1.39
ROS-1	0	0	0	1	1	1.39
PTP4A1	0	0	0	1	1	1.39
PIK3R2	0	0	0	1	1	1.39
PDCD2L	0	1	0	0	1	1.39
SUSD4	0	0	0	1	1	1.38
CLDN12	0	0	0	1	1	1.38
CKAP2	0	0	0	1	1	1.38
CXCR7	0	0	0	1	1	1.37
CDC25A	1	0	0	0	1	1.37
OCIAD2	0	1	0	0	1	1.36
NR2F6	0	0	0	1	1	1.36
ELOVL6	0	0	0	1	1	1.36
CSAG2	0	0	0	1	1	1.36
CAPN13	0	0	0	1	1	1.36
BZW2	0	0	0	1	1	1.36

VPS37D	0	1	0	0	1	1.35
TLE4	0	0	0	1	1	1.35
MSI2	0	0	0	1	1	1.35
DUSP4	0	0	0	1	1	1.35
CDH26	0	1	0	0	1	1.35
CAPN8	0	0	0	1	1	1.35
MACC1	1	0	0	0	1	1.34
GLT25D1	0	0	0	1	1	1.34
GLA	0	0	0	1	1	1.34
CERCAM	0	0	0	1	1	1.34
TUBA4A	0	0	0	1	1	1.33
SLAMF8	0	0	0	1	1	1.33
IGFLR1	0	0	0	1	1	1.33
FLJ41200	0	0	0	1	1	1.33
TRIM16L	0	1	0	0	1	1.32
SOX4	0	0	0	1	1	1.32
RPS2	0	0	0	1	1	1.32
RGS1	0	0	0	1	1	1.32
RDH10	0	0	0	1	1	1.32
NUDT19	0	0	0	1	1	1.32
NR4A2	0	0	0	1	1	1.32
MSMB	0	1	0	0	1	1.32
KCNJ15	0	1	0	0	1	1.32
FNDC4	0	0	0	1	1	1.32
FAM20A	0	0	0	1	1	1.32
DHRS9	0	0	0	1	1	1.32
CDK5R1	0	0	0	1	1	1.32
SEMA5B	0	0	0	1	1	1.31
NTS	0	0	0	1	1	1.31
FST	0	0	0	1	1	1.31
PCP4L1	0	1	0	0	1	1.3
IER5	0	0	0	1	1	1.3
FBLIM1	0	0	1	0	1	1.3
EPB41L5	0	0	0	1	1	1.3
CILP	0	0	0	1	1	1.3
ARL4C	0	0	0	1	1	1.3
SLC15A1	0	1	0	0	1	1.29
PDPN	0	0	0	1	1	1.29
LILRB4	0	0	0	1	1	1.29
LAMP3	0	1	0	0	1	1.29
IPMK	0	0	0	1	1	1.29
HSPD1	0	0	0	1	1	1.29
FGFR3	0	1	0	0	1	1.29
FBXO17	0	1	0	0	1	1.29
TNNT3	0	1	0	0	1	1.28
HOXC13	0	1	0	0	1	1.28

C1QTNF6	0	0	0	1	1	1.28
PPAP2C	1	0	0	0	1	1.27
ABLIM2	0	0	0	1	1	1.27
SUPT5H	0	0	0	1	1	1.26
RAP1GAP	0	0	0	1	1	1.26
GOLM1	0	0	0	1	1	1.26
VPREB3	0	0	0	1	1	1.25
SERPINH1	0	0	0	1	1	1.25
PPP1R1B	0	0	0	1	1	1.25
PLXNB1	0	1	0	0	1	1.25
ORM2	0	0	0	1	1	1.25
EPS8L1	0	1	0	0	1	1.25
TMED3	0	0	0	1	1	1.24
PPFIBP2	0	1	0	0	1	1.24
PDCD5	0	0	0	1	1	1.24
NUDT8	1	0	0	0	1	1.24
HSP90AA1	0	0	0	1	1	1.24
COLEC11	0	0	0	1	1	1.24
STRBP	0	0	0	1	1	1.23
SCARA3	0	0	0	1	1	1.23
OAF	0	0	0	1	1	1.23
LOC100133161	0	0	0	1	1	1.23
HEATR7A	0	0	0	1	1	1.23
CCNA1	0	0	0	1	1	1.23
CCDC64	0	0	0	1	1	1.23
ACE2	1	0	0	0	1	1.23
CSTB	0	1	0	0	1	1.22
CST6	0	1	0	0	1	1.22
C6orf125	0	0	0	1	1	1.22
ABHD11	0	1	0	0	1	1.22
SEPX1	0	1	0	0	1	1.21
GFPT1	0	0	0	1	1	1.21
BMP1	0	0	0	1	1	1.21
B4GALNT4	0	0	0	1	1	1.21
ANP32E	0	0	0	1	1	1.21
HK2	0	0	0	1	1	1.2
GADD45G	0	0	0	1	1	1.2
C1orf112	0	1	0	0	1	1.2
RCC1	0	0	0	1	1	1.19
PLK4	0	0	0	1	1	1.19
ID4	0	1	0	0	1	1.19
COL4A4	0	0	0	1	1	1.19
SNAI1	0	0	0	1	1	1.18
SMC4	0	0	0	1	1	1.18
SLC25A5	0	0	0	1	1	1.18

SERPINA3	0	0	0	1	1	1.18
LY6H	0	0	0	1	1	1.18
DRD2	1	0	0	0	1	1.18
DPYSL4	0	0	1	0	1	1.18
CENPH	1	0	0	0	1	1.18
TRNP1	0	1	0	0	1	1.17
REEP4	0	0	0	1	1	1.17
PAF1	0	0	0	1	1	1.17
MTX2	0	0	0	1	1	1.17
HIST3H2A	0	0	0	1	1	1.17
FAM136A	0	0	0	1	1	1.17
AVPI1	0	0	0	1	1	1.17
ADAM23	0	0	0	1	1	1.17
MAP3K13	0	0	0	1	1	1.16
GSR	0	0	0	1	1	1.16
EDARADD	0	0	0	1	1	1.16
TP53I3	0	0	0	1	1	1.15
RPL13P5	0	0	0	1	1	1.15
RASL11A	0	0	0	1	1	1.15
KRTCAP3	0	0	0	1	1	1.15
HOXD9	0	1	0	0	1	1.15
HMBS	0	0	0	1	1	1.15
HBEGF	0	0	0	1	1	1.15
GRAMD1B	0	1	0	0	1	1.15
DLEU1	0	0	0	1	1	1.15
ZNF296	0	0	0	1	1	1.14
TPI1	0	0	0	1	1	1.14
MYO19	0	0	0	1	1	1.14
ACAN	1	0	0	0	1	1.14
FRMD6	0	0	1	0	1	1.13
ZC3H12A	0	0	0	1	1	1.12
HOMER3	0	0	0	1	1	1.12
CDK4	0	0	0	1	1	1.12
CALML3	0	0	0	1	1	1.12
AUTS2	0	0	0	1	1	1.12
NRCAM	0	0	1	0	1	1.11
NME2	0	0	0	1	1	1.11
MRPL12	0	0	0	1	1	1.11
UBFD1	0	0	0	1	1	1.1
TXNRD1	0	0	1	0	1	1.1
TFAP2C	0	0	0	1	1	1.1
SPRR2D	0	1	0	0	1	1.1
PPL	0	0	0	1	1	1.1
HPRT1	1	0	0	0	1	1.1
ZMYND19	0	0	0	1	1	1.09
SERPINA1	0	0	0	1	1	1.08

OLFM1	0	0	0	1	1	1.08
KCNJ8	0	0	0	1	1	1.08
HMGB2	0	0	0	1	1	1.08
FCHO1	0	0	0	1	1	1.08
TRIM2	0	0	0	1	1	1.07
NGFR	0	0	0	1	1	1.07
ID2	0	0	0	1	1	1.07
FRMD5	0	0	1	0	1	1.07
CHPF	0	0	0	1	1	1.07
YDJC	0	1	0	0	1	1.06
SLC34A2	0	0	0	1	1	1.06
RCN3	0	0	0	1	1	1.06
MAGEA4	0	0	0	1	1	1.06
GYLTL1B	1	0	0	0	1	1.06
FOXP2	0	0	0	1	1	1.06
ZFAND2A	0	0	0	1	1	1.05
TLR2	1	0	0	0	1	1.05
SMARCD3	0	0	0	1	1	1.05
PLTP	0	0	0	1	1	1.05
MCM7	0	0	0	1	1	1.05
IRAK1	0	0	0	1	1	1.05
HIST1H2BC	0	1	0	0	1	1.05
DBP	0	0	0	1	1	1.05
PSORS1C1	0	0	0	1	1	1.04
PPIL1	0	0	0	1	1	1.04
NQO1	0	0	0	1	1	1.04
FBLN2	0	0	0	1	1	1.04
ALG3	0	0	0	1	1	1.04
ACTA2	0	0	0	1	1	1.04
VCAM1	0	0	0	1	1	1.03
NMB	0	0	0	1	1	1.03
KIAA1199	1	0	0	0	1	1.03
BEX2	0	0	0	1	1	1.03
BBC3	1	0	0	0	1	1.03
ADAMTS16	0	0	0	1	1	1.03
LPAR2	0	0	0	1	1	1.02
HTR2B	0	1	0	0	1	1.02
HIST1H2BG	0	0	0	1	1	1.02
C12orf45	0	0	0	1	1	1.02
AGMAT	1	0	0	0	1	1.02
PRR7	0	0	0	1	1	1.01
PLCD1	0	0	0	1	1	1.01
MLXIPL	0	0	0	1	1	1.01
LSM4	0	0	0	1	1	1.01
JUP	0	0	0	1	1	1.01
ITGA7	0	0	0	1	1	1.01

HIST1H2BK	0	0	0	1	1	1.01
GPC4	1	0	0	0	1	1.01
FXN	0	0	0	1	1	1.01
CLSTN3	0	0	0	1	1	1.01
CLEC5A	1	0	0	0	1	1.01
BOLA3	0	0	0	1	1	1.01
ARHGEF38	1	0	0	0	1	1.01
SLC39A6	0	0	0	1	1	1
PLA2G4A	0	0	0	1	1	1
MDH2	1	0	0	0	1	1
MAGEF1	0	0	0	1	1	1
LIN7A	1	0	0	0	1	1
C7orf40	0	0	0	1	1	1
BCL2L12	0	0	0	1	1	1

Appendix table A.5.5.1; This table lists an alternative screen, potential tumour endothelial markers were generated by combining lung array genes with the multi organ RNA-seq contrasts from chapter 4. This time statistical significance was ignored and lung microarray genes chosen with a log2(FC) > = 1 enrichment in tumour endothelium. This identified further candidate genes, which are listed in appendix table A.5.5.1. A total of 790 genes were found in this screen, 11 with three RNA-seq contrasts and 146 with two RNA-seq contrasts.